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MEMORANDUM

OF

WHALER'S OUTFITS.

Voyage,

186

H. S. KIRBY,

DEALER IN

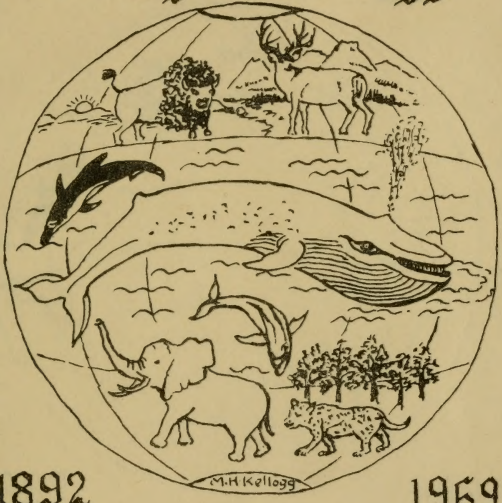
SHIP CHANDLERY,

AND HARDWARE,

No 8 Commercial Wharf, cor. S. Front Street,

New Bedford, Mass.

In Memory of Remington Kellogg



1892 1969

Mammalogist
Paleontologist

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credits for a whaling voyage

H. S. KIRBY,

DEALER IN

SHIP CHANDLERY,

AND HARDWARE,

No. 8 Commercial Wharf, cor. of South Front Street,

New Bedford, Mass.

Oars, Handspikes, Iron Poles, Felt and Tarred Paper for Sheathing, Coopers' and Carpenters' Tools, Albertson's Drawing Knives, Rivets, Nails, Augers, Files, Boat Nails, Muskets, Leather, Chalk, Grindstones, Lanterns, Brushes, Rope Jacks, Riggers' Screws, Tar, Rosin, Deck Lights, Fish Hooks and Lines, Bunting, Ensigns and Jacks. Signals made to order.

OUTFITS

FOR A

WHALING VOYAGE.

MEMORANDUMS.

Flour for Baking.
Sheathing Copper.
Do. Yellow Metal.
" Boards.
" Paper.
Chenam.
Tanks, Scuttle Butt, Casks, } Page 7.
Medicine Chest, Page 8.
Provisions and Cabin Stores, Page 9.
Miscellaneous, Try-Works Knees, Grate Iron, Try Pots, Smoke Pipes, } Page 12.
Boats, Lumber, &c., Oars, } Page 14.
Coopers' Tools, Page 16.

Nails,
Rivets,
Iron Hoops, } Page 18.

Carpenters' Tools,
Hardware, &c., } Page 19.

Sail Needles, " 29.
Crockery, " 31.
Tin Ware, " 32.
Copper do., " 34.
Craft,
Blacksmiths' Tools, &c., } " 35.
Blocks, &c., " 39.
Cordage, " 40.
Paints, " 42.
Nautical Stationery, " 43.
Spare Sails, " 44.
Spare Duck, " 45.
Spare Spars, " 45.
Recruits, " 46.
Slops, " 47.

Kedge Anchor, " 36.
Smiths' Forge,
Do. Bellows,
Oil Hose, } Page 12.
Leather, Page 28.
Rigging Loft.

Protections.
Instructions.
Bills Sales.
Copy Shipping Papers.
Invoice Slops.
Letter Bag.
Ship's Papers.
Specie.
Ship's Library.

DIMENSIONS OF TRY POTS.

Old Pattern.	Long.	Wide.
140 galls.,	3 ft. 9 in.	by 3 ft. 4 in.
160 "	4 " 0 "	" 3 " 4 "
180 "	4 " 0 "	" 3 " 6 "
200 "	4 " 3 "	" 3 " 8 "
New Pattern.		
200 galls.,	4 " 9 "	" 3 " 6 "
220 "	4 " 9 "	" 3 " 8 "

BRICK.

$3\frac{1}{2}$ by 7 in. and 4 in. by 8 in.

CHAINS AND ANCHORS.

Ships' Tonnage.	Weight of Anchors.	Size of Chains.	Weight per Fathom.	Proof of Chain. Tons.	PRICE.
30	150	$\frac{1}{2}$	14	4	
50	200	$\frac{9}{16}$	18	$5\frac{1}{2}$	
75	300	$\frac{5}{8}$	22	7	
100	400	$\frac{11}{16}$	27	8	
120	500	$\frac{3}{4}$	32	10	
140	600	$\frac{13}{16}$	38	12	
160	700	$\frac{7}{8}$	44	14	
180	800	$\frac{15}{16}$	50	16	
200	900	1	56	19	
240	1100	$1\frac{1}{16}$	63	22	
280	1300	$1\frac{1}{8}$	70	25	
320	1450	$1\frac{3}{16}$	78	28	
360	1600	$1\frac{1}{4}$	86	31	
400	1750	$1\frac{5}{16}$	95	34	
440	1900	$1\frac{3}{8}$	105	38	
500	2100	$1\frac{7}{16}$	115	41	
550	2300	$1\frac{1}{2}$	125	44	
600	2500	$1\frac{9}{16}$	136	47	
700	2700	$1\frac{5}{8}$	145	50	
English					
700	3360	$1\frac{3}{4}$	170	56	
800	4144	$1\frac{7}{8}$	195	64	
1000	5040	2	230	72	

For low deck vessel add $\frac{1}{5}$ to the tonnage.

SIZES OF OIL CASKS.

20	in.,	about 60 galls.
22	"	" 75
24	"	" 85
26	"	" 100
28	"	" 112
30	"	" 125
32	"	" 144
34	"	" 160
36	"	" 180
38	"	" 200
40	"	" 220
42	"	" 245
44	"	" 265
46	"	" 290

CASKS.

New Casks.
Old do.
New Hhd. Shooks.
Old do. "
New Butt "
Old " "
New Pipe "
Old " "
Tanks.
Scuttle Butt.

WEIGHT OF SHEATHING COPPER

	Case.				lb.	oz.
16 oz.,		sheets,	per	sheet	4	10
18 oz.,	115	"	"	"	5	4
20 oz.,	100	"	"	"	5	14
22 oz.,	100	"	"	"	6	7
24 oz.,	85	"	"	"	7	0
26 oz.,	80	"	"	"	7	9
28 oz.,	75	"	"	"	8	2
30 oz.,	70	"	"	"	8	12
32 oz.,	65	"	"	"	9	6
34 oz.,	60	"	"	"	10	0
36 oz.,					10	8

MEDICINAL.

Medicine Chest.
Epsom Salts.
N. E. Rum.
Holland Gin.
Brandy.
Port Wine.

PROVISIONS AND CABIN STORES.

Bbls. Flour Baked.
" do. Packed.
" Kiln-Dried Meal.
" Mess Beef.
" Prime Pork.
" Mackerel.
" Tongues and Sounds.
" Vinegar.
Lbs. Smoked Beef.
" Codfish.
" Hams.
" Butter.
" Cheese.
" Sugar.
" do. Crushed.
" Coffee.
" Souchong Tea.
" Hyson do.
" Chocolate.
" Rice.
" Raisins.
" Dried Apples.
Pickles.
Galls. Molasses.

Bush Peas.
" Beans.
" Corn.
" Potatoes.
" Onions.
" Turnips.
" Cabbages.
Pumpkins.
Mustard.
Do. Seed.

Lbs. Black Pepper.
" Cayenne do.
" Ginger.
" Allspice.
" Nutmegs.
" Cloves.
" Cinnamon.
" Saleratus.
" Hops.
" Sage.
Summer Savory.
Pepper Sauce.
Table Salt.
Coarse do.
Sperm Candles.
Lamp Oil.

Sweet Oil.
Hard Soap.
Oil do.
Lemon Syrup.
Essence Spruce.
Fresh Water.
Fresh Meat.
Preserved do.

MISCELLANEOUS.

Camboose and Apparatus.
Try Pots.
Deck do.
Knees for Try Works.
Grate Iron for do.
Smoke Pipes.
Bricks for do.
" spare.
Lime.
Chloride Lime.
Clay.
Sand.
Sawdust.
Sea Coal.
Hard Coal.
Charcoal.
Smiths' Bellows.
Do. Forge.
Oil Hose.
Cast Steel.
German do.
Iron.
Tar.
Rosin.
Coal Tar.
Old Junk.
Iron Poles.

Spare Sheets Copper.
" " Yellow Metal.
Common Powder.
Fine do.
Shot.
Bullets.
Signal Gun.
Whaling do.
Bomb Lances.
Mincing Machine.
Hose Tub.
Line Tubs.
Boat Kegs.
Harness Cask.
Looking Glasses.
Cabin Furniture.

BOATS, LUMBER, &c.

Boats.

Boat Boards.
" Keels.
" Knees.
" Gunwales.
" Timbers.
" Stem and Stern Posts.

Oak Wood.
Pine do.
Pine Plank.
Do. Boards.
Oak Boards.
Do. Plank.
Yellow Pine Heading.
Staves.
White Oak Buts.

OARS.

16 feet.
17 "
18 "
Steering.

COOPERS' TOOLS.

Axes.
Adzes.
Drawing Knives.
Crooked do.
Champering do.
Howelling do.
Bilge do.
Dub Howel.
Stock do.
Inshave.
Bung Borers.
Tap do.
Marking Irons.
Compasses.
Vises.
Bit Stock.
Bits: $\frac{1}{4}$ in., $\frac{5}{16}$ in.,
$\frac{3}{8}$ in., $\frac{7}{16}$ in.
Coopers' Anvil.
Large Croze.
Small do.
Croze Irons.
Long Jointer.
Do. Irons.
Jack Plane.
Smooth do.
Round do.

Plane Irons.
Hand Saw.
Heading do.
Gauging Rod.
Whet Stones.
Red Cedar.
Truss Hoops.
Chalk.
Bungs.
Flags.
Flagging Irons.
Do. Knives.
Cast Steel Hammers.
" " Drivers.
" " Punches.
" " Rivet Sets.
" " Cold Chisels.
Common Hammers.
Worm Punches.

NAILS.

Clinch.
Timber.
Wood End.
Lap.
Foot.
Ceiling.

WROUGHT.	CUT.
6d.	4d.
8	6d.
10	8d.
12	10d.
20	12d.
Spikes.	20d.
	Spikes.

RIVETS.	IRON HOOPS.
2d.	2d.
3d.	L. 3d.
L. 4d.	H. 3d.
H. 4d.	L. 4d.
L. 5d.	H. 4d.
H. 5d.	L. 5d.
6d.	H. 5d.
	6d.

Carpenters' Tools, Hardware, &c.

Short Jointer.
Jack Plane.
Smooth do.
Hollow do.
Round do.
Match do.
Bead do.
Rabbet do.
Plane Irons.
Broad Axe.
Carpenters' Adze.
Narrow Axes.
Deck Hatchet.
Hold do.
Boat do.
Nail Hammers.
Boat do.
Riveting do.
Pump do.
Hand Saws.
Splitting do.
Back do.
Panel do.
Compass do.
Wood do.
Saw Sets.
Screw Drivers.

Scarfing Chisels:

2 in.	$2\frac{1}{4}$	$2\frac{1}{2}$ in.

Firmer Chisels:

$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	1 in.	$1\frac{1}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.

Sets Firmer do.

Firmer Gouges:

$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	1 in.	$1\frac{1}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.

Sets Firmer do.

Socket Chisels:

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	1	$1\frac{1}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.

Socket Gouges:

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	1	$1\frac{1}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.

Large Pincers.

Small do.

Cutting do.

Pliers.

Drawing Knives.
Spoke Shaves.
Hand Wrench.
Bench Vise.
Hand Vise.
Thumb Vise.
Spare Vice-Screw and Box.
Carpenters' Compass.
Rule.
Bevel.
Iron Square.
Try Square.
Board Gauge.
Chalk Lines.

Screw Augers:

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	1	$1\frac{1}{8}$
$1\frac{1}{4}$	$1\frac{1}{2}$	2 in.

Spike Gimlets:

$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
$\frac{7}{16}$	$\frac{1}{2}$ in.	

Nail do., assorted.

Ruff do.: $\frac{3}{16}$ $\frac{1}{4}$ in.

Brace and Bits.

Auger Bits:

$\frac{3}{16}$	$\frac{4}{16}$	$\frac{5}{16}$
$\frac{6}{16}$	$\frac{7}{16}$	$\frac{8}{16}$
$\frac{9}{16}$	$\frac{10}{16}$	$\frac{11}{16}$
$\frac{12}{16}$	$\frac{14}{16}$	1 in.

Long Pod Bits.

Centre Bits.

Sand Paper.

Whet Stones.

Oil do.

Rifle do.

Rifles.

Steelyards.

Corkscrew.

Flat Files:		6	8
	9	10	11
	11	13	14 in.
Half Round do.:		6	8
	9	10	11
	12	13	14 in.
Round do.:	6	8	10 in.
Saw do.:	$2\frac{1}{2}$	3	
	$3\frac{2}{1}$	$4\frac{1}{2}$	6 in.
Flat Rasps:		10	12 in.
Half Round do.:		10	12
Cabinet do.:		10	12

Anvil.
Shovels.
Hoes.
Scrapers.
Axe Handles.
Tool Handles.
Calking Mallet.
Do. Irons.
Making do.
Palm Irons.
Butt Cock.
Molasses Gate.
Metal Faucets.
Wooden do.
Handcuffs.

Trowel.
Bullet Mould.
Leaning Knives.
Boat do.
Knives and Forks.
Carver and Fork.
Table Steel.
Butchers' do.
Iron Table Spoons.
" Tea "
Britannia Table Spoons.
" Tea "
" Tea Pots.
" Ladles.
Planished Tureen.
Cook's Ladle.
" Skimmer.
" Fork.
" Spoon.
Cabin Bell and Spring.
Table Bell.
Chopping Knife.
Do. Tray.
Fire Steels.
Flints.
Coffee Mills.
Mortar and Pestle.

Brass Screws.
Butts.
Shoe Thread.
Brad Awls.
Sewing do.
Saddlers' do.
Sieves.
Bellows.
Bread Tray.
Shovel and Tongs.
Wash Basin.
Dust Pans.
Fry Pans.
Sauce Pans.
Candlesticks.
Cabin Lamps.
Stand do.
Jacket do.
Signal Lanterns.
Binnacle do.
Common do.
Half Hour Glasses.
Log do.
Lamp Wick.
Bristol Brick.
Black Lead.
Corks.

Iron do.
Hinges.

Glue.
Borax.
Brimstone.
Matches.
Dust Brushes.
Paint do.

Varnish do.
Tar do.
Tool do.
Seam do.
Marking do.
Hand Scrub do.
Deck do. do.
Fish Hooks.
Do. Lines.
Cod do.
Log do.
Hand do.
Deep Sea do.
Hand Lead.
Deep Sea do.
Deck and Draw Buckets.
Bushel Baskets.
Hand do.

Rope Jack.
Riggers' Screw.
Ensigns.
Signals.
Jack.
Pendant.
Stock and Dies.
Muskets.
Blubber Mincing Knives.
Blubber Forks.
Tea Kettles.
Marlinespikes.
Houseline and Marline.
Hemp Sail Twine.
Cotton " "
Whipping do.
Beeswax.
Corn Brooms.
Birch do.
Rigging Leather.
Pump do.
Sail do.
Sheet Lead.
Copper Tacks.
Iron do.
Padlocks.
Chest Locks.

Grindstones.
Grindstone Cranks.
Friction Rollers.
Pitch Pot.
Ruffs and Clinches.
Deck Lights.

SAIL NEEDLES.

Large Marline.
Small do.
Large Bolt Rope.
Middle do. do.
Small do. do.
Head Rope.
Store.
Old Work.
Tablin.
Flat Seam.

CROCKERY.

Soup Plates.
Shoal do.
" " 2d size.
" " 3d "
Platters.
Bakers.
Nappies.
Covered Dishes.
Gravy do.
Pitchers.
Bowls.
Mugs. Saucers.
Cups and Saucers.
Sugars.
Butters.
Chambers.
Decanters.
Tumblers.
Wines.
Salts.
Castor.
Castor Bottles.
Stone Pots.
do. Pitcher.
Knife Box.
Tumbler Basket.
Wash Basin and Pitcher.

TIN WARE.

Tin Pans.
" Pots.
" Cups.
" Measures.
" Pumps.
" Tunnels.
" Dipper-Cooks.
" Ladle.
Sailors' Pans.
Caboose do.
Bake do.
Pie Plates.
Coffee Pots.
Tea do.
Tureen.
Wash Basin.
Oil Skimmer.
" Ladle.
" Piggins.
" Tunnel.
" Scoop.
Tinder Boxes.
Trumpets.
Blow Horns.
Peppers.
Graters.
Lamp-Feeder.

Molasses Cup.
Do. Can.
Flour Box.
Do. Scoop.
Tea Canister.
Oil do.
Powder do.
Spittoon.
Torch.
Blubber Room Lamps.
Cabin Stove and Fixtures.
Soldering Iron and Solder.
Cook's Lantern.
Boat do.
Binnacle Lamp.
Signal Lanterns,
Common do.,
Lamps,
Dust Pans,
Fry Pans,
Sauce do.,
} See Page 26.
Cook's Ladle,
" Forks,
" Skimmer,
" Spoon,
} See Page 25.

COPPER WARE.

Cooler.
Do. Cock.
Hose do.
" Joints.
Tub Screw.
Binnacle Bell.
Strainers.
Skimmers.
Ladles.
Dippers.
Tunnels.
Tunnel Noses.
Oil Scoops.
Pumps.
Vent Pipe.
Brass Chock Rolls and Pin.
Staples.
Old Lead.
Brass Solder.
Soft do.
Sheathing Nails.
Coppering do.
Branding Iron.
Tank Cock.
Trumpet.
Lance Hooks.

CRAFT, &c.

Harpoons, one Flue.
Do., two do.
Do., Toggle.
Steel Head Lances.

Cutting Spades.
Flat Shank Throat Spade.
Round do. do. do.
Wide do.
Half Round do.
Head do.
Thin Boat do.
Thick do. do.
Head Axe.
Blubber Hooks.
Boat do.
Large Boat do.
Ring do. do.
Can Hooks.
Chain do.
Line do.
Lance do.
Junk do.
Boarding Knives.
Pikes, Long and Short.
Gafts.

Grains.
Grapplings.
Crow Bars.
Rings.
Stowing Bar.
Top Maul.
Chain Punches.
Spike Tools.
Nail Tools.
Rivet do.
Shackle Pins.
Hooks and Thimbles.
Spare Rings and Keys.
Line Grapplings.
Claw Cable Stopper.
Shackles, Large and Small.
Do. for Cutting Gear.
Screw Shackles for mending Topsail Sheet and Tie Links.
Fish Hook.
Lip do.
Pump do.
Do. Bolt.
Nail Hauler.
Copper Claw.
Blacksmiths' Tongs.
Do. Hammers.

Riveting Hammer, Page 19.
Thimble Crutch and Cutter.
Tew Iron.
Key Wrench.
Boat Anchors.
Kedge do.
Steering Braces.
Rowlocks and Bushings.
Head Chains.
Fin do.
Fluke do.
Head Straps.
Do. Toggle.
Do. Pike and Ring.
Fluke Chain Rings.
Spikes and Hatch Nails.
Staples, assorted.
Iron Wedges.
Marking Irons for Craft.
Cutting Pendants.
Do. Gear.
Coopers' Tools, Page 17.
Bench Vise, " 20.
Grindstone Cranks, " 29.
Blubber Mincing Knife, Do. Forks, Marlinespikes, " 28.

BLOCKS, &c.

Cutting Blocks.
" " spare.
Burthen do.
Purchase do.
Guy do.
Cat do.
Spare do.
Shieves and Pins.
Belaying Pins.
Hanks.
Pump Boxes and Spear.
" Brake.
Handspikes.
Lance Poles.
Spade do.
Boat Tackle Block.
Watch do. do.
Hoops.
Log Reel.
Bungs.
Rouse-about Block.
Triple Purchase.

CORDAGE.

Manilla Lines.
Do. Cordage.
" Cutting Falls.
" Hawser.
" Fluke Rope.
" Head Rope.
" Guys.
" Lance Line.
Tarred Cordage.
Do. Lines.
Spun Yarn.
Fine Seizing.
Wormline.
Ratline.
Bolt Rope.
Point Rope.
Bone Spun Yarn.
Houseline and Marline, see page 28.

Tarred Cordage.		Manilla Cordage.	
Coils.	Size.	Coils.	Size.
	4		$4\frac{1}{2}$ in.,
			$4\frac{1}{4}$ in.,
	$3\frac{3}{4}$		4
			$3\frac{3}{4}$
	$3\frac{1}{2}$		$3\frac{1}{2}$
			$3\frac{1}{4}$
	$3\frac{1}{4}$		3
			$2\frac{3}{4}$
	3		$2\frac{1}{2}$
			$2\frac{1}{4}$
	$2\frac{3}{4}$		2
			$1\frac{3}{4}$
	$2\frac{1}{2}$		$1\frac{1}{2}$
	$2\frac{1}{4}$		
	2		

SPARE PAINTS.

White Lead.

Black Paint.
Dry Yellow.
Green do.
Verdigris.
Red Lead.
Lamp Black.
Linseed Oil.
Japan Drying.
Spirits Turpentine.
Copal Varnish.
Bright do.
Whiting.
Prussian Blue.
Chrome Yellow.
Stone do.
Deck Color.
Spare Glass.
Umber.
Venetian Red.
Vermillion.
Yellow Ochre.
Paint Brushes, see page 27.

NAUTICAL.

Chronometer.
Thermometer.
Barometer.
Time Piece.
Steering Compass.
Boat do.
Telltale do.
Mast Head do.
Spy Glasses, and Opera do.
Charts.
Nautical Almanacs.
Horsburgh's Directory.
Pacific do.
Memoirs South Atlantic.
Log Book.
Log Slates.
Common do.
Half Hour Glasses, } See page 26.
Log do., }
Slate Pencils.
Lead do.
Account Books.
Memorandum do.

Writing Paper.	Ink.
Envelopes.	Inkstands.
Steel Pens.	Quills.
Blanks.	Wafers.

SPARE SAILS.

Fly Jib.
Jib.
Fore Topmast Staysail.
Fore Sail.
Fore Topsail.
Fore Topgallantsail.
Fore Spencer.
Fore Royal.
Mainsail.
Maintopsail.
Main Topgallantsail.
Main Spencer.
Main Royal.
Mizzentopsail.
Mizzen Topgallantsail.
Mizzen Royal.
Gaff Topsail.
Spanker.
Topgallant Studdingsails.
Lower do.
Topmast do.
Boat Sail.

Hemp Sail Twine,
Cotton " "
Whipping do.,
Beeswax,
Sail Leather,
} See page 28.

SPARE DUCK.

SPARE SPARS.

Topmast.
Main Yard.
Topsail Yard.
Topgallant Yard.
Topgallantmast.
Topmast Boom.
Topgallant Boom.
Boats' Masts.
Spruce Poles.

ARTICLES FOR RECRUITS.

Tobacco.
Cigars.
Pipes.
Powder.
Muskets.
Flints.
Narrow Axes.
Hatchets.
Axe Hatchets.
Do. Handles.
Hardware.
Bleached Cottons.
Unbleached do.
Blue do.
Blue "Denims."
Furniture Prints.
Fancy do.
Boots.
Shoes.
Pumps.
Oil Soap.
Bar do.
Paints.
White Lead.
Linseed Oil.
Sperm Candles.
Naval Stores.

SLOPS.

Pea Jackets.
Reefing do.
Monkey do.
Short do.
Thick Trousers.
Duck do.
"Denim" do.
Vests.
Twilled Kersey Shirts.
Striped Cotton do.
Calico Full Bosom do.
Do. Plain do.
Stockings.
Mittens.
Guernsey Frocks.
Duck Do.
"Denim" do.
Cotton and Wool Drawers.
All Wool do.
Tarpaulin Hats.
Southwesters.
Palmleaf Hats.
Blankets.
Bed Comforters.
Neck do.
Braces.
Cotton Handkerchiefs.

Linen Thread.
Yarn.
Scotch Caps.
Russian do.
Sheaths and Belts.
Mounted Palms.
Sheath Knives.
Jack do.
Iron Spoons.
Tin Pots.
Tin Pans.
Shoes.
Boots.
Pumps.
Brogans.
Needles.

Table Covers.
Boat Sails.

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